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United States Department of Agriculture

BUREAU OF ANIMAL INDUSTRY

SERVICE AND REGULATORY ANNOUNCEMENTS

APRIL, 1928

This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

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CHANGES IN DIRECTORY

Meat Inspection Granted

12–M. Kingan Provision Co., Kingan & Co. (Inc.), 700–728 Brook Avenue, New York, N. Y.

*124. Southern Meat Corporation, Eighth Street and Talleyrand Avenue, Jacksonville, Fla.

Meat Inspection Extended

*137. F. A. Ferris & Co., 262–272 Mott Street, to include Otto Stahl (Inc.), New York, N. Y.

139. Abraham Plaut, 307–319 Johnson Avenue, to include S. & H. Plaut and the Boro Veal & Mutton Co. (Inc.), Brooklyn, N. Y.

Change in Name of Official Establishment

378. The Cudahy Packing Co. and the Nagle Packing Co., 681–683 Henderson Street, Jersey City, N. J.

950. Abraham Bros. Packing Co. and Abraham Bros. & Co. (Inc.), 705–711 Dudley Street, Memphis, Tenn.

Change in Address of Official Establishment

*89. The E. Kahn's Sons Co., Spring Grove Avenue and Alabama Street, Cincinnati, Ohio, instead of 519 Livingston Street.

Change in Address of Official

Dr. H. B. Raffensperger, United States Range Livestock Experiment Station, Miles City, Mont., instead of 1749 West Pershing Road, Chicago, Ill.

Remove Name from List

Dr. F. J. Loomis (deceased), Watertown, N. Y.

* Conducts slaughtering.

NOTICES REGARDING MEAT INSPECTION

MEAT-INSPECTION REPORTS

Carcasses and parts which have been passed for sterilization in accordance with the provisions of regulation 11 should be reported under the heading "Passed for sterilization" on the M. I. Forms 112, 112–D, 112–E, and 130. If for any reason such carcasses or parts or any portion thereof is tanked for offal, a notation to that effect should be made on M. I. Form 112, 112–D, or 112–E.

On and after July 1 reports on M. I. Form 109, "Monthly report of movements of meats between official establishments," should be discontinued.

M. I. Form 122–D should show the kind of casings, such as beef, sheep, hog, etc., and the separate weights of each kind.

ANIMAL CASINGS OF FOREIGN ORIGIN

Certificates required by Bureau of Animal Industry Order 305 and instructions issued thereunder, which bear the official titles of the high officials of the respective foreign countries as specified below, will be acceptable with animal casings offered for importation into the United States.

The certificates must also bear the signature of the high official of the national government having jurisdiction over the health of animals in the foreign country in which the casings originated, but owing to the fact that the high officials are changed from time to time it is impracticable to publish their names.

Official title	Foreign country
Minister of Agriculture	Brazil.
Minister of the Treasury	Paraguay.
Minister of Agriculture, Public Works, and Commerce	Persia.
[1] Minister of Economy	Turkey.
[1] Minister of Finance, Public Works, and Agriculture	Republic of the Lebanon.

Additional official titles will be published when received from other foreign countries.

ANIMALS SLAUGHTERED IN MARCH, 1928, UNDER FEDERAL MEAT INSPECTION IN THE DISTRICTS REPRESENTED BY THE CITIES IN THE FOLLOWING TABLE

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore	5,947	1,061	16		90,347
Buffalo	6,226	4,024	4,246		83,963
Chicago	132,099	71,181	190,640	2	672,315
Cincinnati	9,900	8,144	2,568	2	92,211
Cleveland	6,810	6,166	9,136		96,096
Denver	8,047	1,399	18,875		55,739
Detroit	5,231	5,796	5,641		116,787
Fort Worth	21,881	11,910	12,176	554	62,550
Indianapolis	15,243	5,325	1,408		103,190
Kansas City	67,075	16,081	108,164	215	367,376
Milwaukee	12,717	53,956	1,795		106,197
National Stock Yards	23,437	5,326	15,407		120,657
New York	31,727	58,392	169,068		143,168
Omaha	70,748	7,162	163,971	13	300,476
Philadelphia	6,545	8,479	14,372		95,773
St. Louis	9,656	6,900	3,090	2	204,353
Sioux City	33,425	3,173	37,068		248,068
South St. Joseph	24,868	5,691	116,081	7	101,941
South St. Paul	43,404	56,431	13,431		258,331
Wichita	7,456	2,654	6,974	4	71,799
All other establishments	122,506	67,949	121,734	587	1,748,417
Total: March, 1928	664,948	407,200	1,015,861	1,386	5,139,754
March, 1927	761,299	456,599	1,026,736	2,558	3,837,278
9 months ended March, 1928	6,988,133	3,464,485	9,941,221	16,155	36,938,662
9 months ended March, 1927	7,723,550	3,734,336	9,884,660	24,825	31,302,543

Horses slaughtered at all establishments, March, 1928, 9,051. Inspections of lard at all establishments, 205,006,117 inspection pounds; compound and other substitutes, 55,946,211 inspection pounds; sausage chopped, 57,657,985 inspection pounds. Corresponding inspections for March, 1927: Lard, 152,075,646 inspection pounds; compound and other substitutes, 40,932,741, inspection pounds; sauasge chopped, 58,273,306 inspection pounds. (These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

[1] The notice in Service and Regulatory Announcements of January, 1928, is hereby revoked so far as Turkey and the Republic of the Lebanon are concerned.

EXTENT OF TUBERCULOSIS IN ANIMALS SLAUGHTERED AT THREE IMPORTANT MARKETS, MARCH, 1928

Station	Total slaughter	Retained for tuberculosis		
		Total	Passed for sterilization	Condemned
Cattle:				
Chicago	132,099	6,383	141	848
Kansas City	67,075	373	11	49
Omaha	70,748	1,323	43	92
Swine:				
Chicago	672,315	94,120	1,223	1,111
Kansas City	367,376	22,174	274	184
Omaha	300,476	34,875	362	269

CAUSES OF CONDEMNATION OF CARCASSES, FEBRUARY, 1928

Cause	Cattle	Calves	Sheep	Swine
Emaciation	434	160	203	80
Hog cholera				1,484
Inflammation diseases	884	195	517	4,010
Immaturity		419		
Tuberculosis	3,172	58		5,888
All other causes	929	250	468	4,522
Total	5,419	1,082	1,188	15,984

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during March, 1928, with figures for other periods for comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico	19,580		5,470	
Canada	13,318	2,627	111	
Channel Islands	177			
New Zealand			2	
Norway			4	
Scotland	14			
Virgin Islands (to Porto Rico)	186			
Total: March, 1928	33,275	2,627	5,587	
March, 1927	25,798	26,879	2,744	10
9 months ended March, 1928	378,284	78,442	31,352	157
9 months ended March, 1927	266,729	179,337	43,759	76

Imports of meats and meat food products

Country of export	Fresh and refrigerated		Cured and canned	Other products	Total weight
	Beef	Other			
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Argentina			2,609,350	78,537	2,687,887
Australia	67	25,305		15,967	41,339
Brazil			75,588		75,588
Canada	322,378	487,327	1,305,091	546,622	2,661,418
Uruguay			996,706	10,800	1,007,506
Other countries	451,861	160,404	64,371	191,822	868,458
Total: March, 1928	774,306	673,036	5,051,106	843,748	7,342,196
March, 1927	950,432	2,646,946	6,466,551	515,525	10,579,454
9 months ended March, 1928	31,872,683	11,638,364	40,977,718	9,196,131	93,684,896
9 months ended March, 1927	11,873,610	16,021,700	28,387,646	3,210,065	59,493,021

Condemned in March, 1928: Beef, 74 pounds; pork 60 pounds; total, 134 pounds.
Refused entry: Veal, 48 pounds; pork, 1,301 pounds; total, 1,349 pounds.

SUMMARY OF TUBERCULOSIS ERADICATION WORK IN COOPERATION WITH STATES, MARCH, 1928

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle reacted	Once-tested free herds	Accredited herds	Herds under supervision		
Ala	211	5,951	7	4,917	238	7,314	R. E. Jackson	C. A. Cary, Auburn.
Ariz	443	6,273	71	8,083	42	8,150	F. L. Schneider	S. E. Douglas, Phoenix.
Ark	109	968	7	2,886	17	6,114	H. L. Fry	J. H. Bux, Little Rock.
Calif	295	10,712	73	5,239	128	5,402	R. Snyder	J. P. Iverson, Sacramento.
Colo	26	605	15	3,072	160	3,620	W. E. Howe	C. G. Lamb, Denver.
Conn	865	8,820	1,062	4,141	1,468	7,154	R. L. Smith	J. M. Whittlesey, Hartford.
Del	160	1,976	127	2,907	1,719	5,445	W. G. Middleton	O. A. Newton, Bridgeville.
D. C	1	186	0	90	8	99	A. E. Wight	
Fla	116	4,484	55	7,379	429	8,245	J. G. Fish	J. V. Knapp, Tallahassee.
Ga	1,176	5,984	22	7,654	50	7,706	A. L. Hirleman	J. M. Sutton, Atlanta.
Idaho	435	11,514	53	29,098	59	32,449	W. A. Sullivan	A. J. Dickman, Boise.
Ill	8,483	84,571	1,627	121,137	1,364	135,839	J. J. Lintner	F. A. Laird, Springfield.
Ind	4,267	36,554	331	95,360	35,544	137,385	J. E. Gibson	Frank H. Brown, Indianapolis.
Iowa	7,266	110,447	1,987	92,921	7,977	154,924	J. A. Barger	M. G. Thornburg, Des Moines.
Kans	4,735	47,548	207	66,516	852	67,829	N. L. Townsend	J. H. Mercer, Topeka.
Ky	1,117	6,090	35	69,163	63	70,158	W. F. Biles	D. E. Westmorland, Frankfort.
La	332	4,875	47	6,661	19	6,990	G. T. Cole	E. P. Flower, Baton Rouge.
Me	1,270	8,979	66	31,782	3,879	35,722	G. R. Caldwell	H. M. Tucker, Augusta.
Md	1,598	18,309	2,115	9,820	5,426	22,810	E. B. Simonds	James B. George, Baltimore.
Mass	245	4,826	522	1,647	746	2,932	E. A. Crossman	F. B. Cummings, Boston.
Mich	4,814	42,422	846	148,955	80	153,495	T. S. Rich	B. J. Killham, Lansing.
Minn	4,060	77,466	3,174	52,634	8,262	64,409	W. J. Fretz	C. E. Cotton, St. Paul.
Miss	634	3,407	0	6,767	32	6,799	H. Robbins	R. V. Rafnel, Jackson.
Mo	946	9,387	68	62,631	974	66,130	Ralph Graham	H. A. Wilson, Jefferson City.
Mont	791	12,403	45	28,856	93	29,466	J. W. Murdoch	W. J. Butler, Helena.
Nebr	2,905	33,676	475	63,089	108	63,989	A. H. Francis	C. H. Hays, Lincoln.
Nev	100	2,727	15	1,039	11	1,287	L. C. Butterfield	Edward Records, Reno.
H. H	653	7,410	231	2,222	3,005	5,603	E. A. Crossman	A. L. Felker, Concord.
N. J	544	3,656	151	2,984	1,771	6,167	W. G. Middleton	J. H. McNeil, Trenton.
N. Mex	384	2,416	13	1,076	18	1,119	F. L. Schneider	Mat. Keenan, Albuquerque.
N. Y	4,409	52,718	3,868	39,571	52,167	105,512	H. B. Leonard	E. T. Faulder, Albany.
N. C	2,247	8,762	15	247,999	365	248,736	W. C. Dendinger	William Moore, Raleigh.
N. Dak	2,282	38,182	279	40,381	4,890	50,312	H. H. Cohenour	W. F. Crewe, Bismarck.
Ohio	5,977	42,454	893	141,295	574	146,742	A. J. De Fosset	F. A. Zimmer, Columbus.
Okla	46	1,851	5	92	283	394	L. J. Allen	C. C. Hisel, Oklahoma City.
Oreg	1,703	13,354	71	36,159	425	36,612	S. B. Foster	W. H. Lytle, Salem.
Pa	7,414	57,338	1,527	89,864	4,455	108,340	J. B. Reidy	T. E. Munce, Harrisburg.
R. I	40	711	150	154	57	383	E. A. Crossman	T. E. Robinson, Providence.
S. C	2,332	7,110	12	40,886	116	41,068	W. K. Lewis	W. K. Lewis, Columbia.
S. Dak	355	7,960	136	8,893	1,144	10,278	J. O. Wilson	M. W. Ray, Pierre.
Tenn	1,732	11,457	55	42,220	304	42,631	H. M. O'Rear	W. B. Lincoln, Nashville.
Tex	43	1,610	17	85	181	622	H. L. Darby	N. F. Williams, Fort Worth.
Utah	1,580	12,121	111	10,724	76	11,548	F. E. Murray	W. H. Hendricks, Salt Lake City.
Vt	1,119	21,997	358	3,286	5,285	11,829	L. H. Adams	Edward H. Jones, Montpelier.
Va	769	8,741	73	18,061	2,230	20,580	R. E. Brookbank	H. C. Givens, Richmond.
Wash	1,703	19,459	1,701	37,140	51	39,854	J. C. Exline	Robert Prior, Olympia.
W. Va	1,192	7,057	73	31,469	1,134	33,215	H. M. Newton	John W. Smith, Charleston.
Wis	5,495	120,207	5,192	128,195	10,555	138,181	J. S. Healy	Walter A. Duffy, Madison.
Wyo	342	2,000	16	9,008	4	10,193	John T. Dallas L. E. Case	H. D. Port, Cheyenne. L. E. Case.
Total	89,761	1,009,731	27,999	1,866,208	158,838	2,181,781		

PERMITTED DIP FOR SCABIES OF CATTLE AND SHEEP

The Jensen-Salsbery Laboratories (Inc.), have been granted permission by the department to distribute "Curts-Folse Lime and Sulphur Solution" under the name of "Jen-Sal Lime & Sulphur Solution" for use in the official dipping of cattle and sheep for scabies. Dilutions permitted: For cattle, 1 gallon of the dip to 15 gallons of water; for sheep, 1 gallon of the dip to 20¼ gallons of water.

SUMMARY OF HOG-CHOLERA-CONTROL WORK, MARCH, 1928

State	Bureau veterinarians engaged in work [1]	Premises investigated	Demonstrations		Autopsies performed	Farms quarantined or carded	Cleaning and disinfecting of premises supervised	Outbreaks reported to bureau veterinarians
			Number	Hogs treated				
Alabama	1	136	119	1,992	34			59
Arkansas	1.5	74	12	177	3			45
California	1	60	2	37	17			10
Colorado	.04	2						
Florida	2.5	65	60	1,844	8			10
Georgia	1.3	139	55	1,541	14			43
Illinois	2	184	2	59	29	10	16	20
Indiana	2	22			19			5
Iowa	2	40			3			21
Kansas	2.5	147						2
Kentucky	2	375	12	250	16		1	17
Louisiana	1	21	10	1,127	2			6
Maryland	2	257	2	18	14	19		23
Michigan	2	42			5	5	2	13
Mississippi	1.03	72	7	193	3			14
Missouri	1	43	2	109	9			15
Nebraska	1	8			19			1
North Carolina	1	59	12	629	19	14		9
Oklahoma	2	136	1	30	6	10		10
South Carolina	1	82	81	1,154	1			33
South Dakota	1	11			2			2
Tennessee	1	22			1			8
Texas	2	44			4			14
Virginia	1	47						16
Washington	1.5	73			2	1		1
Wisconsin	1	19	3	169	5	1	1	5
Total	37.37	2,170	380	9,329	235	60	20	402

[1] Fractions denote bureau veterinarians devoting part time to hog-cholera work.

NOTE.—No work reported from Idaho, Ohio, Utah, Montana, and West Virginia.

QUARANTINE PENS FOR SOUTHERN CATTLE

Under the provisions of Bureau of Animal Industry Order 309, effective May 1, 1928, the interstate shipment of cattle, for any purpose, which are tick infested or exposed to tick infestation (*Margaropus annulatus*) will be prohibited, and the need for quarantine pens reserved for southern cattle at and en route to the places to which the interstate shipment of such cattle for immediate slaughter has, from time to time, been authorized, will cease.

Such pens may therefore be released for regular use on being cleaned and disinfected under bureau supervision, or, if it can be definitely established that the pens have not been used by any livestock for a period of nine months immediately preceding their release, when authorized by a bureau inspector, the quarantine sign may be removed and the pens released without disinfection. The bureau should be promptly notified of such action.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES

	Total serum	Clear serum completed	Hyperimmune blood cleared	Simultaneous virus	Hyperimmunizing virus
	C. c.	*C. c.*	*C. c.*	*C. c.*	*C. c.*
March, 1928	78, 522, 603	52, 401, 788	58, 566, 683	2, 155, 750	18, 304, 627
March, 1927	121, 358, 458	52, 164, 445	58, 324, 153	2, 695, 166	28, 033, 557
9 months ended March, 1928	879, 163, 475	473, 561, 502	528, 599, 646	39, 131, 086	171, 355, 920
9 months ended March, 1927	881, 949, 319	353, 345, 913	360, 410, 724	43, 388, 497	189, 934, 177

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS IN MARCH, 1928

License No. 9 was issued March 16, 1928, to the Lederle Antitoxin Laboratories, Middletown Road, near Pearl River, N. Y., for antiswine erysipelas serum (suero contra el mal rojo); swine-erysipelas vaccine (cultivos del mal rojo) (for export only).

License No. 111, was issued March 14, 1928, to the Blue Cross Norden Serum Co., Superior, Nebr., for anti-hog-cholera serum and hog-cholera virus.

License No. 148 was issued March 16, 1928, to the W. F. Straub Laboratories (Inc.), 5514–5520 Northwest Highway, Chicago, Ill., for anticanine-distemper serum; autogenous bacterin; avian hemorrhagic-septicemia bacterin; avian mixed-infection bacterin; blackleg filtrate; bovine-abortion bacterin; bovine-abortion mixed bacterin; bovine-abortion vaccine; bovine hemorrhagic-septicemia bacterin; bovine-mastitis streptococcus bacterin; bovine mixed-infection bacterin; calf-scour mixed bacterin; canine-distemper mixed bacterin; canine mixed-infection bacterin; canine-staphylococcus bacterin; equine-abortion mixed bacterin; equine hemorrhagic-septicemia bacterin; equine-influenza mixed bacterin; equine-mixed polyvalent bacterin; equine navel-ill mixed bacterin; fowl-cholera and typhoid mixed bacterin; hemorrhagic-septicemia bacterin; ovine hemorrhagic-septicemia bacterin; pig-scour mixed bacterin; roup bacterin; swine-abortion mixed bacterin; swine hemorrhagic-septicemia bacterin; swine mixed-infection bacterin.

License No. 190 was issued March 8, 1928, to The National Drug Co., 5109 and 5111 Germantown Avenue, Philadelphia, Pa. (mailing address, 4679 Stenton Avenue), for white-scours mixed bacterin (bovine).

License No. 190 was issued March 10, 1928, to the National Drug Co., 5109 and 5111 Germantown Avenue, Philadelphia, Pa. (mailing address, 4679 Stenton Avenue), for swine-plague mixed bacterin.

License No. 192 was issued March 13, 1928, to the Division of Animal Industry, California Department of Agriculture, 1217 L Street, Sacramento, Calif. (mailing address, Capitol Building), for tuberculin.

LICENSES TERMINATED IN MARCH, 1928

License No. 111, issued January 1, 1921, to the Blue Cross Serum Co., Superior, Nebr., was terminated March 14, 1928, on account of change of name, and a new license of the same number was issued as indicated above.

Licenses No. 148, issued December 12, 1925, January 6, 1926, January 1, 1927, and February 18, 1928, to the W. F. Straub Laboratories (Inc.), 5514–5520 Norwood Park Avenue, Chicago, Ill., were terminated March 16, 1928, and a new license of the same number was issued as indicated above.

LICENSE REVOKED IN APRIL, 1928

License No. 153, held by the Quality Biologic Co., 86–88 North James Street, Kansas City, Kans., was revoked, effective April 12, 1928, on account of the firm's having violated paragraph 1, section 2, and section 6, regulation 8 of B. A. I. Order 276, and because the provisions of regulation 4 of the same order had not been complied with. The establishment was found defective, insanitary, and improperly conducted and products prepared therein were found to be contaminated.

LICENSE SUSPENDED IN APRIL, 1928

License No. 131, held by the Fostoria Serum Co., Fostoria, Ohio, was suspended for a period of 10 days, effective May 5, 1928, because the firm violated paragraph 2, section 1, regulation 16; section 1, regulation 12; paragraph 1, section 1, and

paragraph 1, section 3, regulation 19; paragraph 6, section 1, sections 4, 6, 7, 11, and 12 of regulation 8, all of B. A. I. Order 276.

It was found that production figures had been manipulated and false records presented to bureau employees, which would effect an increase in the volume of completed product, in violation of subdivisions (*a*) and (*b*) of paragraph 2, section 10, regulation 19 of B. A. I. Order 276; that the establishment had prepared a quantity of serum without bureau supervision and was not holding it under bureau lock; that technic was faulty, equipment improperly handled, and insanitary conditions permitted to exist.

PROCEEDINGS UNDER PACKERS AND STOCKYARDS ACT

Docket No. 191.—In re Union Stockyards, S. A., San Antonio, Tex. On April 19, 1927, the Secretary of Agriculture ordered an investigation and set a hearing to determine whether certain rates and charges were unjust, unreasonable, or discriminatory or otherwise unlawful under the provisions of the packers and stockyards act and to determine whether reparation should be awarded. Upon consideration of the testimony and the briefs of counsel in this case, the Secretary concluded that the rates in issue could not be held to be unjustly discriminatory or unreasonable, and, therefore, ordered on April 9, 1928, that the case be dismissed.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Fines and penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Livestock Quarantine Law

C. R. Bicknell, Los Angeles, Calif., interstate shipment of 23 cattle from New Mexico to California without prior tuberculin test, $250 fine.

William Dierscheide, Bradner, Ohio, shipment of 58 cattle from Lincoln, Mich., to Wayne, Ohio, without prior tuberculin test, $100 fine.

H. G. Harmon, Wayne, Ohio, shipment of 21 cattle from Hart, Mich., to Wayne, Ohio, without prior tuberculin test, $100 fine.

H. C. Meyers, Fairplay, Md., driving 3 cows on foot and transporting 1 calf from West Virginia to Maryland without prior tuberculin test, 1 day in jail.

William C. Russell, Paris, Tex., transporting one bull from Chicota, Tex., into Oklahoma without prior tuberculin test, $100 fine.

Twenty-Eight-Hour Law

Atchison, Topeka & Santa Fe Railway Co., $400 penalty and costs.
Michigan Central Railroad Co. (2 cases), $200 penalty and costs.
New York Central Railroad Co. (2 cases), $200 penalty and costs.
New York Central Railroad Co. (2 cases), $200 penalty and costs.
New York, New Haven & Hartford Railroad Co., $100 penalty and costs.
Pennsylvania Railroad Co. (4 cases), $400 penalty and costs.
Union Pacific Railroad Co, $100 penalty and costs.

NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Technical Bulletin No. 45. A Study of Ranch Organization and Methods of Range-Cattle Production in the Northern Great Plains Region. By three specialists of the Bureau of Agricultural Economics and V. V. Parr, Animal Husbandry Division. Pp. 92, figs. 16.

Farmers' Bulletin No. 576. Breeds of Sheep for the Farm (revised). By D. A. Spencer, Animal Husbandry Division. Pp. 14, figs. 10.

Farmers' Bulletin 1554. Poultry Houses and Fixtures. Supersedes Farmers' Bulletin No. 1413, Poultry-House Construction. By M. A. Jull and A. R. Lee, Animal Husbandry Division. Pp. 30, figs. 29.

Department Circular No. 249. Tuberculin Testing of Livestock (revised). By L. B. Ernest and Elmer Lash, Tuberculosis Eradication Division. Pp. 26, figs. 11.

Miscellaneous Circular 14 (revised). State Sanitary Requirements Governing Admission of Livestock. Compiled from reports of accredited officials of each State. Pp. 90.

Amendment 36 to B. A. I. Order 294, placing the following-named counties in the modified accredited areas for a period of three years from April 2, 1928: Elmore and Payette, Idaho; Newton and Starke, Ind.; Marshall, Smith, Washington, and Wilson, Kans.; Androscoggin and Kennebec, Me.; Upshur, W. Va., and the town of Strafford, Vt. The following-named counties have been reaccredited for a period of three years from the same date: Minnidoka, Idaho; Lincoln, Kans.; Halifax, Moore, Polk, and Rockingham, N. C. P 1 (mimeographed).

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